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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q96256

Yoshihide KAWAGUCHI, et al.

Appln. No.: 10/587,842

Group Art Unit: 1756

Confirmation No.: 2299

Examiner: NOT YET ASSIGNED

Filed: July 28, 2006

For: OPTICAL REFRACTIVE INDEX-MODIFYING POLYMER COMPOSITION, HOLOGRAM
RECORDING MATERIAL AND METHOD OF CONTROLLING REFRACTIVE INDEX

**REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT AND CORRECTED
NOTICE OF ACCEPTANCE**

ATTN: Office of Initial Patent Examination
Filing Receipt Correction
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We enclose a copy of the Official Filing Receipt and the Notice of Acceptance for the
above-identified application and request the following correction(s):

International Application Number: ~~PCT/JP06/00085~~ PCT/JP06/300085

Verification for the requested correction is indicated on the Declaration filed July 28, 2006.

Respectfully submitted,

Keiko K. Takagi

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WASHINGTON DC SUGHRUE/265550

65565

CUSTOMER NUMBER

Date: March 27, 2007



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
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APPL NO.	FILING OR 371(c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLMS	IND CLMS
10/587,842	07/28/2006	1756	900	Q96256	10	1

23373
SUGHRUE MION, PLLC
2100 PENNSYLVANIA AVENUE, N.W.
SUITE 800
WASHINGTON, DC 20037

DOCKETED

MAR - 9 2007

CONFIRMATION NO: 2299

FILING RECEIPT



OC000000022540995

Date Mailed: 03/06/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Yoshihide Kawaguchi, Ibaraki-shi, JAPAN;
Yutaka Moroishi, Ibaraki-shi, JAPAN;
Tetsuo Inoue, Ibaraki-shi, JAPAN;

Power of Attorney: The patent practitioners associated with Customer Number 23373.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP06/000085 01/06/2006

Foreign Applications

PCT/JP06/300085

JAPAN 2005-002592 01/07/2005

If Required, Foreign Filing License Granted: 02/16/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/587,842**

Projected Publication Date: 05/31/2007

Non-Publication Request: No

Early Publication Request: No

Title

Optical refractive index-modifying polymer composition, hologram recording material and method of controlling refractive index

Preliminary Class

430

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted

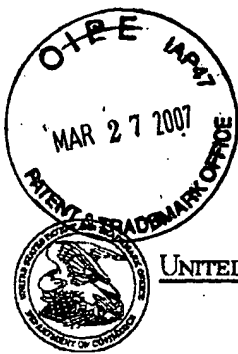
under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/587,842	Yoshihide Kawaguchi	Q96256

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WASHINGTON, DC 20037

INTERNATIONAL APPLICATION NO.	
PCT/IP06/00085 PCT/JPO6/300085	
LA. FILING DATE	PRIORITY DATE
01/06/2006	01/07/2005

DOCKETED

MAR - 9 2007

CONFIRMATION NO. 2299

371 ACCEPTANCE LETTER



OC000000022540996

Date Mailed: 03/06/2007

NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is **ACCEPTED** for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

<u>07/28/2006</u>	<u>07/28/2006</u>
DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS	DATE OF COMPLETION OF ALL 35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Copy of the International Application filed on 07/28/2006
- English Translation of the IA filed on 07/28/2006
- Copy of the International Search Report filed on 07/28/2006
- Preliminary Amendments filed on 07/28/2006
- Information Disclosure Statements filed on 07/28/2006
- Oath or Declaration filed on 07/28/2006
- Request for Immediate Examination filed on 07/28/2006
- U.S. Basic National Fees filed on 07/28/2006
- Priority Documents filed on 07/28/2006

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

JOHN L ANDERSON

Telephone: (703) 308-9140 EXT 211

PART 1 - ATTORNEY/APPLICANT COPY

FORM PCT/DO/EO/903 (371 Acceptance Notice)



DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**OPTICAL REFRACTIVE INDEX-MODIFYING POLYMER COMPOSITION, HOLOGRAM
RECORDING MATERIAL AND METHOD OF CONTROLLING REFRACTIVE INDEX**

the application of which
☐ is attached hereto

OR

☒ was filed on January 6, 2006 as United States
Application Number or PCT International Application Number
PCT/JP2006/300085 (Confirmation No. _____),
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part application(s), material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application(s) having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date	Priority Claimed	
			Yes	No
P. 2005-002592	Japan	January 7, 2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>

I hereby claim domestic priority benefits under 35 United States Code §120 of any United States application(s), §119(e) of any United States provisional application(s), or §365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. or International Application Number(s)	U.S. or International Filing Date	Status
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I hereby appoint all attorneys of **SUGHRUE MION, PLLC** who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.



23373

PATENT & TRADEMARK OFFICE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:				
Given Name (first and middle [if any])		Yoshihide		
Family Name or Surname		KAWAGUCHI		
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Residence: City	Ibaraki-shi	State	Osaka	Country Japan
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City	Ibaraki-shi	State	Osaka	Zip 567-8680
Country		Japan		
NAME OF SECOND INVENTOR:				
Given Name (first and middle [if any])		Yutaka		
Family Name or Surname		MOROISHI		
Inventor's Signature		Yutaka Moroshi		Date July 18, 2006
Residence: City	Ibaraki-shi	State	Osaka	Country Japan
Mailing Address: c/o NITTO DENKO CORPORATION, 1-2, Shimohozumi 1-chome				
City	Ibaraki-shi	State	Osaka	Zip 567-8680
Country		Japan		
NAME OF THIRD INVENTOR:				
Given Name (first and middle [if any])		Tetsuo		
Family Name or Surname		INOUE		
Inventor's Signature		Tetsuo Inoue		Date July 18, 2006
Residence: City	Ibaraki-shi	State	Osaka	Country Japan
Mailing Address: c/o NITTO DENKO CORPORATION, 1-2, Shimohozumi 1-chome				
City	Ibaraki-shi	State	Osaka	Zip 567-8680
Country		Japan		
NAME OF FOURTH INVENTOR:				
Given Name (first and middle [if any])				
Family Name or Surname				
Inventor's Signature		Date		
Residence: City		State		Country
Mailing Address:				
City		State		Zip
Country				
NAME OF FIFTH INVENTOR:				
Given Name (first and middle [if any])				
Family Name or Surname				
Inventor's Signature		Date		
Residence: City		State		Country
Mailing Address:				
City		State		Zip
Country				